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TITLE: Easily dyeable soilproof fibers

PATENT ASSIGNEE(S): Unitika Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

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PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| JP 59059977 | A2 | 19840405 | JP 1982-173391 | 19820929 |
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| JP 01044837 | B4 | 19890929 | | |
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AB Spun synthetic fibers finished with lubricant compns. contg. a fluorocarbon and a cationic ***surfactant*** and drawn are soil-resistant and have good dyeability. Thus, nylon 6 was melt spun and coated (15%) with 10% lubricant ***emulsion*** contg. 7% 70:25:3:2 CH₂:CHCO₂CH₂CH₂(CF₂)₆CF(CF₃)₂-vinyl chloride-2-chloroethyl vinyl ether-2-hydroxyethyl ***acrylate*** copolymer [***90571-06-5***] and 1% dodecyltrimethylammonium chloride [112-00-5]. The coated fibers were drawn 250% at 90.degree. and heat-treated 1 s at 150.degree., and a woven fabric was prepd. and dyed with a liquor contg. 2% (on fiber wt.) Nylomine Blue AG for 20 min at 80.degree. to give a water-resistant soil-resistant fabric with good color yield.

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